

Other Commercial Printing: 2002

Issued December 2004

EC02-311-323119 (RV)

2002 Economic Census

Manufacturing

Industry Series



USCENSUSBUREAU

Helping You Make Informed Decisions

U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU



CONTENTS

Introduction to the Economic Census	v
Manufacturing	ix

Tables

1. Historical Statistics for the Industry: 2002 and Earlier Years ...	1
2. Industry Statistics for Selected States: 2002	2
3. Detailed Statistics by Industry: 2002	3
4. Industry Statistics by Employment Size: 2002.....	4
5. Industry Statistics by Primary Product Class Specialization: 2002	5
6a. Products Statistics: 2002 and 1997	6
6b. Product Class Shipments for Selected States: 2002 and 1997 .	8
7. Materials Consumed by Kind: 2002 and 1997.....	10

Appendixes

A. Explanation of Terms	A-1
B. NAICS Codes, Titles, and Descriptions	B-1
C. Methodology	C-1
D. Geographic Notes	--
E. Metropolitan and Micropolitan Statistical Areas	--
F. Comparability of Product Classes and Product Codes: 2002 to 1997	F-1

-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year ¹	Com- panies ²	All estab- lish- ments ³	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
323119, Other commercial printing 2002..	2 417	2 435	24 801	855 180	16 680	29 312	485 017	1 797 375	1 091 953	2 889 589	101 186
2001..	N	N	34 322	1 011 418	24 586	46 381	594 258	2 141 682	1 338 202	3 476 325	147 510
2000..	N	N	34 741	981 791	23 829	42 194	570 877	2 090 589	1 290 870	3 368 509	149 445
1999..	N	N	34 381	937 862	23 096	40 660	525 588	2 016 500	1 194 796	3 193 213	149 208
1998..	N	N	34 524	907 607	23 820	44 650	515 645	2 070 397	1 364 970	3 423 144	109 546
1997..	3 387	3 418	32 607	902 948	22 644	39 817	524 489	1 905 752	1 322 500	3 220 025	123 086

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
323119, Other commercial printing												
United States	3	2 435	272	24 801	855 180	16 680	29 312	485 017	1 797 375	1 091 953	2 889 589	'101 186
Arizona	3	31	2	171	5 465	105	206	3 155	13 258	5 547	18 809	'422
Arkansas	3	18	5	178	5 295	133	193	3 383	11 469	6 917	18 440	'488
California	4	269	28	2 549	83 462	1 773	3 257	50 184	186 710	104 051	290 764	'12 209
Colorado	2	41	1	176	4 909	109	169	2 793	12 606	11 831	24 438	'458
Connecticut	8	42	8	717	22 623	450	800	11 792	54 606	30 085	84 605	'1 897
Florida	6	123	9	846	26 320	578	967	15 500	57 695	30 261	87 964	'2 336
Georgia	4	71	7	524	17 181	344	617	9 542	35 523	18 184	53 683	'939
Illinois	2	152	16	1 395	54 126	946	1 757	32 434	139 217	77 290	216 460	'3 935
Kansas	7	18	2	146	4 956	94	182	2 754	10 254	6 538	16 486	'566
Louisiana	4	31	3	260	6 669	184	277	4 085	11 692	7 558	19 222	'2 007
Maryland	3	44	5	461	12 141	284	441	6 218	25 859	15 546	41 509	'432
Massachusetts	2	56	5	807	26 242	610	1 173	17 122	54 285	21 090	75 492	'1 998
Michigan	3	80	9	760	23 559	501	878	13 664	43 795	26 492	70 198	'3 119
Minnesota	1	63	16	2 380	99 880	1 599	2 983	55 385	190 238	175 351	360 236	'13 261
Missouri	2	60	9	474	15 648	311	537	8 356	29 689	20 556	50 471	'1 395
New Jersey	4	101	16	1 118	43 405	757	1 388	24 242	92 070	49 266	141 243	'6 203
New York	4	210	23	1 981	64 011	1 395	2 254	38 676	123 432	82 858	210 546	'7 773
North Carolina	2	75	10	846	29 860	568	978	15 744	65 885	48 962	114 696	'3 873
Ohio	2	109	16	1 321	45 239	884	1 710	25 466	83 195	48 042	131 596	'4 134
Oklahoma	2	40	3	244	6 975	141	269	3 213	13 879	9 180	22 764	'399
Oregon	2	26	2	153	5 132	105	189	3 035	11 406	3 967	15 255	'1 359
Pennsylvania	3	118	18	1 286	43 462	883	1 602	25 034	90 126	61 677	151 296	'5 513
Tennessee	1	55	9	1 043	42 166	730	1 066	25 709	87 491	42 736	130 569	'4 424
Texas	2	172	16	1 777	61 517	1 065	1 834	28 926	134 238	76 256	211 187	'12 790
Virginia	2	44	4	340	11 219	242	453	6 517	23 712	11 647	36 058	'1 286
Washington	1	48	4	315	10 611	229	322	5 991	27 874	7 660	35 647	'1 022
Wisconsin	1	56	8	710	23 646	479	872	13 776	48 146	23 825	72 098	'1 601

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
323119, Other commercial printing	
Companies ¹	number.. 2 417
All establishments ²	number.. 2 435
Establishments with 1 to 19 employees	number.. 2 163
Establishments with 20 to 99 employees	number.. 242
Establishments with 100 employees or more	number.. 30
All employees ³	number.. 24 801
Total compensation	\$1,000.. 1 000 805
Annual payroll	\$1,000.. 855 180
Total fringe benefits	\$1,000.. 145 625
Production workers, average for year	number.. 16 680
Production workers on March 12	number.. 16 643
Production workers on May 12	number.. 16 573
Production workers on August 12	number.. 16 870
Production workers on November 12	number.. 16 608
Production worker hours	1,000.. 29 312
Production worker wages	\$1,000.. 485 017
Total cost of materials	\$1,000.. 1 091 953
Materials, parts, containers, packaging, etc., used	\$1,000.. 880 533
Resales	\$1,000.. 122 296
Purchased fuels	\$1,000.. 6 279
Purchased electricity	\$1,000.. 24 605
Contract work	\$1,000.. 58 240
Quantity of electricity purchased for heat and power	1,000 kWh.. 388 101
Quantity of electricity generated less sold for heat and power	1,000 kWh.. -
Total value of shipments	\$1,000.. 2 889 589
Primary products value of shipments	\$1,000.. 2 381 365
Secondary products value of shipments	\$1,000.. 243 824
Total miscellaneous receipts	\$1,000.. 264 400
Value of resales	\$1,000.. 185 932
Contract receipts	\$1,000.. -
Other miscellaneous receipts	\$1,000.. 78 468
Primary products specialization ratio	percent.. 91
Value of primary products shipments made in all industries	\$1,000.. 2 851 812
Value of primary products shipments made in this industry	\$1,000.. 2 381 365
Value of primary products shipments made in other industries	\$1,000.. 470 447
Coverage ratio	percent.. 84
Value added	\$1,000.. 1 797 375
Total inventories, beginning of year	\$1,000.. 180 257
Finished goods inventories	\$1,000.. 69 127
Work-in-process inventories	\$1,000.. 28 361
Materials and supplies inventories	\$1,000.. 82 769
Total inventories, end of year	\$1,000.. 179 310
Finished goods inventories	\$1,000.. 66 000
Work-in-process inventories	\$1,000.. 31 227
Materials and supplies inventories	\$1,000.. 82 083
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. '1 030 204
Total capital expenditures (new and used)	\$1,000.. '101 186
Buildings and other structures (new and used)	\$1,000.. '9 315
Machinery and equipment (new and used)	\$1,000.. '91 871
Automobiles, trucks, etc., for highway use	\$1,000.. '3 386
Computers and peripheral data processing equipment	\$1,000.. '11 712
All other expenditures for machinery and equipment	\$1,000.. '76 773
Total retirements	\$1,000.. '58 242
Gross value of depreciable assets at end of year	\$1,000.. '1 073 148
Depreciation charges during year	\$1,000.. '82 113
Total rental payments	\$1,000.. 76 248
Buildings and other structures	\$1,000.. 44 446
Machinery and equipment	\$1,000.. 31 802
Total other expenses ⁴	\$1,000.. 223 321
Response coverage ratio ⁵	percent.. 62
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 31 808
Communications services ⁴	\$1,000.. 6 209
Legal services ⁴	\$1,000.. 4 694
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 2 209
Advertising and promotional services ⁴	\$1,000.. 5 257
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 10 437
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 2 137
Management consulting and administrative services ⁴	\$1,000.. 8 205
Taxes and license fees ⁴	\$1,000.. 6 636
All other expenses ⁴	\$1,000.. 145 731

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
323119, Other commercial printing											
All establishments	3	2 435	24 801	855 180	16 680	29 312	485 017	1 797 375	1 091 953	2 889 589	'101 186
Establishments with—											
1 to 4 employees	8	1 455	2 535	82 639	1 807	2 989	47 293	158 470	101 018	263 628	'6 523
5 to 9 employees	3	405	2 786	83 587	1 828	2 841	47 558	181 545	110 163	291 522	'10 788
10 to 19 employees	3	303	4 120	128 084	2 649	4 234	70 887	275 374	167 650	443 450	'15 778
20 to 49 employees	2	188	5 574	187 259	3 731	6 733	106 580	385 138	219 023	606 233	'25 212
50 to 99 employees	4	54	3 670	134 377	2 501	4 827	78 172	292 247	164 143	454 914	'16 859
100 to 249 employees	1	23	3 435	126 240	2 313	4 463	71 311	302 798	181 192	484 495	'14 358
250 to 499 employees	1	6	g	D	D	D	D	D	D	D	D
500 to 999 employees	—	1	f	D	D	D	D	D	D	D	D
1,000 to 2,499 employees	—	—	—	—	—	—	—	—	—	—	—
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ⁴	9	1 258	2 079	67 046	1 517	2 462	38 333	126 368	79 959	206 322	'4 595

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments ¹	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)				
323119	Other commercial printing	2 435	24 801	855 180	16 680	29 312	485 017	1 797 375	1 091 953	2 889 589	'101 186
3231193	Label and wrapper printing (letterpress)	36	1 724	70 500	1 150	2 334	40 272	159 261	113 783	273 283	'13 242
3231199	Advertising printing (letterpress)	93	2 654	105 443	1 781	3 037	58 913	231 081	133 548	364 246	'19 002
323119C	Other commercial and general job printing (letterpress)	219	6 379	223 568	4 342	7 250	127 166	479 163	285 171	758 990	'25 331
323119E	Engraving (printing)	48	1 426	43 873	1 043	1 960	28 728	93 732	31 740	126 986	'1 522
323119J	All other commercial and general job printing (excluding lithographic (offset), gravure, flexographic, screen, quick, digital, letterpress, and engraving printing)	110	1 701	49 151	1 050	1 627	25 703	101 849	47 456	150 022	'3 753

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. Products Statistics: 2002 and 1997

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
323119	Other commercial printing	2002.. N 1997.. N	X X	X X	2 851 812 3 458 992
3231193	Label and wrapper printing (letterpress)	2002.. N 1997.. N	X X	X X	346 283 716 576
32311931	Label and wrapper printing (letterpress)	2002.. N 1997.. N	X X	X X	252 553 556 928
3231193117	Label printing (letterpress), custom and stock labels, including bordered, made of paper, pressure-sensitive	2002.. 47 1997.. N	X X	X X	167 225 N
3231193119	Label printing, (letterpress), custom and stock labels, including bordered, made of paper, except pressure-sensitive	2002.. 23 1997.. N	X X	X X	42 657 N
3231193131	Label printing (letterpress), custom and stock labels, including bordered, made of materials other than paper (including cloth)	2002.. 9 1997.. 11	X X	X X	40 194 15 983
3231193139	Printed rolls and sheets for packaging purposes (printing only) (letterpress), including single-web and multi-web structures	2002.. 2 1997.. N	X X	X X	2 477 N
3231193Y	Label and wrapper printing (letterpress), nsk	2002.. N 1997.. N	X X	X X	93 730 159 648
3231193YVV	Label and wrapper printing (letterpress), nsk	2002.. N 1997.. N	X X	X X	93 730 159 648
3231199	Advertising printing (letterpress)	2002.. N 1997.. N	X X	X X	351 446 244 225
32311991	Advertising printing (letterpress)	2002.. N 1997.. N	X X	X X	288 761 164 315
3231199111	Direct mail advertising printing (letterpress), including circulars, letters, pamphlets, cards, and printed envelopes	2002.. 43 1997.. 66	X X	X X	151 970 54 493
3231199119	Display advertising printing (letterpress), including posters, floor, counter, point-of-purchase, window, and outdoor advertising materials	2002.. 80 1997.. N	X X	X X	99 972 N
3231199143	All other advertising printing (letterpress), including newspaper and magazine inserts, brochures, pamphlets, circular folders, etc.	2002.. 25 1997.. N	X X	X X	36 819 N
3231199Y	Advertising printing (letterpress), nsk	2002.. N 1997.. N	X X	X X	62 685 79 910
3231199YVV	Advertising printing (letterpress), nsk	2002.. N 1997.. N	X X	X X	62 685 79 910
323119C	Other commercial and general job printing (letterpress)	2002.. N 1997.. N	X X	X X	750 435 N
323119C1	Magazine, periodical, catalog, directory, financial, and legal printing (letterpress)	2002.. N 1997.. N	X X	X X	285 896 N
323119C112	Magazine and periodical printing (letterpress)	2002.. 38 1997.. N	X X	X X	D N
323119C118	Catalog and directory printing (letterpress)	2002.. 40 1997.. N	X X	X X	D N
323119C122	Financial and legal printing (letterpress)	2002.. 24 1997.. N	X X	X X	68 637 N
323119C2	Other commercial and general job printing (letterpress)	2002.. N 1997.. N	X X	X X	338 495 N
323119C227	Printed decalcomanias and pressure-sensitives (self-adhesive) (letterpress), including bumper stickers, etc., excluding labels	2002.. 37 1997.. N	X X	X X	21 531 N
323119C229	Business form printing (letterpress), excluding manifold, financial, and legal forms, blankbooks, and looseleaf forms	2002.. 29 1997.. N	X X	X X	30 067 N
323119C231	Tag printing (letterpress), including embossed	2002.. 18 1997.. N	X X	X X	48 184 N
323119C233	Ticket, coupon, and food and beverage check printing (letterpress), including transportation and amusement	2002.. 14 1997.. N	X X	X X	22 882 N
323119C235	Calendar and calendar pad printing (letterpress)	2002.. 14 1997.. N	X X	X X	20 170 N
323119C241	Embossing or embossing and printing plastics cards (credit, ID, etc.)	2002.. 18 1997.. N	X X	X X	87 947 N
323119C292	All other commercial and general job printing (letterpress), including customized stationery	2002.. 69 1997.. N	X X	X X	107 714 N
323119CY	Other commercial and general job printing (letterpress), nsk	2002.. N 1997.. N	X X	X X	126 044 N
323119CYVV	Other commercial and general job printing (letterpress), nsk	2002.. N 1997.. N	X X	X X	126 044 N
323119E	Engraving (printing)	2002.. N 1997.. N	X X	X X	145 495 247 625
323119E1	Engraving (printing)	2002.. N 1997.. N	X X	X X	115 987 201 027
323119E111	Security engraving	2002.. 9 1997.. 4	X X	X X	D D
323119E116	Social engraving	2002.. 6 1997.. 8	X X	X X	D D
323119E121	Business card engraving	2002.. 19 1997.. 31	X X	X X	15 592 31 988
323119E126	Other commercial engraving	2002.. 38 1997.. 47	X X	X X	49 488 75 569
323119EY	Engraving (printing), nsk	2002.. N 1997.. N	X X	X X	29 508 46 598

See footnotes at end of table.

Table 6a. **Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
323119	Other commercial printing—Con.				
323119E	Engraving (printing)—Con.				
323119EY	Engraving (printing), nsk—Con.				
323119EYVW	Engraving (printing), nsk	2002..	X	X	29 508
		1997..	X	X	46 598
323119J	All other commercial and general job printing (excluding lithographic (offset), gravure, flexographic, screen, quick, digital, letterpress, and engraving printing)	2002..	X	X	159 184
		1997..	X	X	N
323119J1	All other commercial and general job printing (excluding lithographic (offset), gravure, flexographic, screen, quick, digital, letterpress, and engraving printing)	2002..	X	X	159 184
		1997..	X	X	N
323119J100	All other commercial and general job printing (excluding lithographic (offset), gravure, flexographic, screen, quick, digital, letterpress, and engraving printing)	2002..	X	X	159 184
		1997..	X	X	N
323119W	Other commercial printing, nsk, total	2002..	X	X	1 098 969
		1997..	X	X	1 241 013
323119WY	Other commercial printing, nsk, total	2002..	X	X	1 098 969
		1997..	X	X	1 241 013
323119WYWW	Other commercial printing, nsk, for nonadministrative-record establishments	2002..	X	X	895 334
		1997..	X	X	917 105
323119WYWY	Other commercial printing, nsk, for administrative-record establishments	2002..	X	X	203 635
		1997..	X	X	323 908

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p–10 to 19 percent estimated; q–20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. **Product Class Shipments for Selected States: 2002 and 1997**

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3231193	Label and wrapper printing (letterpress)	
	United States..... 2002..	346 283
	..... 1997..	716 576
	California..... 2002..	39 225
	..... 1997..	58 232
	Georgia..... 2002..	5 556
	..... 1997..	2 474
	Illinois..... 2002..	13 457
	..... 1997..	75 878
	Indiana..... 2002..	6 625
	..... 1997..	2 027
	Minnesota..... 2002..	60 891
	..... 1997..	39 871
	New Jersey..... 2002..	44 616
	..... 1997..	80 099
	New York..... 2002..	16 308
	..... 1997..	36 765
	North Carolina..... 2002..	30 877
	..... 1997..	27 854
	Ohio..... 2002..	22 530
	..... 1997..	119 237
	Pennsylvania..... 2002..	17 735
	..... 1997..	34 528
	Texas..... 2002..	11 155
	..... 1997..	35 035
	Wisconsin..... 2002..	22 549
	..... 1997..	76 980
3231199	Advertising printing (letterpress)	
	United States..... 2002..	351 446
	..... 1997..	244 225
	Alabama..... 2002..	6 795
	..... 1997..	8 357
	California..... 2002..	26 529
	..... 1997..	27 134
	Connecticut..... 2002..	2 105
	..... 1997..	N
	Florida..... 2002..	15 766
	..... 1997..	16 591
	Illinois..... 2002..	68 875
	..... 1997..	10 945
	Louisiana..... 2002..	2 686
	..... 1997..	3 441
	Massachusetts..... 2002..	6 137
	..... 1997..	N
	Michigan..... 2002..	8 205
	..... 1997..	4 176
	Minnesota..... 2002..	46 592
	..... 1997..	2 999
	Missouri..... 2002..	8 449
	..... 1997..	N
	New Jersey..... 2002..	15 597
	..... 1997..	20 443
	New York..... 2002..	25 908
	..... 1997..	6 874
	North Carolina..... 2002..	3 263
	..... 1997..	2 393
	Ohio..... 2002..	9 275
	..... 1997..	10 533
	Pennsylvania..... 2002..	34 239
	..... 1997..	14 294
	Texas..... 2002..	14 445
	..... 1997..	6 668
	Virginia..... 2002..	3 560
	..... 1997..	N
	Wisconsin..... 2002..	17 203
	..... 1997..	2 944
323119C	Other commercial and general job printing (letterpress)	
	United States..... 2002..	750 435
	..... 1997..	N
	Arizona..... 2002..	5 771
	..... 1997..	N
	Arkansas..... 2002..	4 396
	..... 1997..	N
	California..... 2002..	79 751
	..... 1997..	N
	Connecticut..... 2002..	14 009
	..... 1997..	N
	Florida..... 2002..	15 877
	..... 1997..	N
	Georgia..... 2002..	8 723
	..... 1997..	N
	Illinois..... 2002..	24 259
	..... 1997..	N
	Indiana..... 2002..	5 429
	..... 1997..	N
	Kansas..... 2002..	5 645
	..... 1997..	N
	Maryland..... 2002..	4 314
	..... 1997..	N
	Massachusetts..... 2002..	7 531
	..... 1997..	N
	Michigan..... 2002..	12 507
	..... 1997..	N
	Minnesota..... 2002..	210 395
	..... 1997..	N
	Missouri..... 2002..	12 736
	..... 1997..	N
	New Jersey..... 2002..	18 794

See footnotes at end of table.

Table 6b. **Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
323119C	Other commercial and general job printing (letterpress)—Con.	
	United States—Con.	
	1997..	N
	2002..	38 661
	New York	N
	1997..	N
	2002..	18 695
	North Carolina	N
	1997..	N
	2002..	36 842
	Ohio	N
	1997..	N
	2002..	11 301
	Oklahoma	N
	1997..	N
	2002..	22 886
	Pennsylvania	N
	1997..	N
	2002..	4 176
	South Carolina	N
	1997..	N
	2002..	52 981
	Tennessee	N
	1997..	N
	2002..	45 381
	Texas	N
	1997..	N
	2002..	17 219
	Virginia	N
	1997..	N
	2002..	8 362
	Washington	N
	1997..	N
	2002..	23 635
	Wisconsin	N
	1997..	N
323119E	Engraving (printing)	
	United States	2002.. 145 495
	1997..	247 625
	California	2002.. 12 614
	1997..	23 004
	Illinois	2002.. 8 040
	1997..	49 196
	Indiana	2002.. 3 111
	1997..	4 416
	Massachusetts	2002.. 35 394
	1997..	34 549
	Michigan	2002.. 4 067
	1997..	4 645
	New Jersey	2002.. 23 847
	1997..	12 810
	New York	2002.. 3 706
	1997..	12 965
	North Carolina	2002.. 10 032
	1997..	6 185
	Ohio	2002.. 7 561
	1997..	4 560
	Pennsylvania	2002.. 14 508
	1997..	N
	Texas	2002.. 4 094
	1997..	4 135
323119J	All other commercial and general job printing (excluding lithographic (offset), gravure, flexographic, screen, quick, digital, letterpress, and engraving printing)	
	United States	2002.. 159 184
	1997..	N
	California	2002.. 24 892
	1997..	N
	Florida	2002.. 4 678
	1997..	N
	Illinois	2002.. 4 122
	1997..	N
	Indiana	2002.. 4 135
	1997..	N
	Maryland	2002.. 10 423
	1997..	N
	Massachusetts	2002.. 5 731
	1997..	N
	Michigan	2002.. 3 078
	1997..	N
	Minnesota	2002.. 10 340
	1997..	N
	Missouri	2002.. 2 187
	1997..	N
	New York	2002.. 10 185
	1997..	N
	Ohio	2002.. 12 062
	1997..	N
	Oregon	2002.. 5 466
	1997..	N
	Pennsylvania	2002.. 3 059
	1997..	N
	Tennessee	2002.. 8 188
	1997..	N
	Texas	2002.. 22 305
	1997..	N
	Virginia	2002.. 4 673
	1997..	N
	Wisconsin	2002.. 5 419
	1997..	N

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
323119	Other commercial printing		
00900001	Total materials .....2002..	X	880 533
	.....1997..	X	1 124 360
32212203	Newsprint .....2002..	X	2 122
	.....1997..	X	39 589
32212009	Uncoated paper, sheets .....2002..	X	20 634
	.....1997..	X	44 814
32212011	Uncoated paper, rolls .....2002..	X	33 678
	.....1997..	X	69 505
32200011	Coated paper, sheets .....2002..	X	14 249
	.....1997..	X	16 753
32200013	Coated paper, rolls .....2002..	X	76 686
	.....1997..	X	23 218
32222200	Pressure-sensitive base stock, self-adhesive (paper, film, foil, etc.).....2002..	X	33 787
	.....1997..	X	101 098
32591002	Printing inks .....2002..	X	26 367
	.....1997..	X	N
32599203	Light sensitive films and papers .....2002..	X	4 225
	.....1997..	X	4 103
32599201	Unexposed photosensitive printing plates .....2002..	X	2 719
	.....1997..	X	2 711
32312201	Printing plates, prepared for printing .....2002..	X	4 395
	.....1997..	X	8 232
32221001	Paperboard containers, boxes, and corrugated paperboard .....2002..	X	5 527
	.....1997..	X	7 340
32223200	Envelopes, purchased .....2002..	X	8 881
	.....1997..	X	11 760
00970099	All other materials and components, parts, containers, and supplies.....2002..	X	175 569
	.....1997..	X	115 128
00971000	Materials, ingredients, containers, and supplies, nsk .....2002..	X	471 694
	.....1997..	X	680 109

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.